

CZECHOSLOVAKIA UDC 616.233-006.6-033.2:616.419-006.443)-0794

CHYBA, J.; SCHREIBER, B.; OPPLT, J.; Pathological and Anatomical Institute, Med. Fac. of Hygiene, Charles University (Patologicko-Anatomicky Ustav Lek. Fak. Hygienicke KU), Prague, Head (Prednosta) Docent Dr J. STOLZ; 2nd Internal Clinic Medical Faculty of Hygiene, Charles University (II. Interni Klinika Lek. Fak. Hyg. KU), Prague, Head (Prednosta) Prof Dr J. SYLLABA; Biochemical Dept. Fac. Hospital (Biochemicke Odd. Fak. Nemocnice), Prague 10, Head (Vedouci) Dr J. OPPLT.

"Bronchogenic Carcinoma with Metastases into Bone and with Hyperplasmogenic Reticuloplasmacytic Reaction of the Marrow."

Prague, Casopis Lekaru Ceskych, Vol 105, No 41, 12 Oct 66, pp 1100 - 1106

Abstract [Authors' English summary modified]: A fatal case of the disease is described; an increased number of reticuloplasmacytes was found in the bone marrow, with some plasmablasts and signs of anaplasia similar to hemoblastic growth. Bone tissue was invaded. Uroprotein was detected in the serum, and in the exudate myelome paraprotein. Connection with malignant growth is discussed. 15 Figures, 31 Western references. (Ms. received Dec 65).

1/1

- 42 -

34066

Z/032/62/000/002/002/003

E112/E235

15.8/10

AUTHOR: Schreiber B, Engineer

TITLE: Polyester premixes

PERIODICAL: Strojirenství, no. 2, 1962, 112-118

TEXT: Properties and production of polyester premixes, i.e. mixtures of polyester resins with reinforcing and non-reinforcing filler, polymerization initiators, stabilizing agents and pigments, are described. Their special features are high contents of long-staple reinforcing fibres, bonded by resins of comparatively low viscosity. Most important are the premixes based on glass or asbestos fibres and unsaturated polyester resins. 1). Effects of individual components on technological properties and economics are discussed. The resins which are of the glycol-maleic acid-phthalic acid type and contain monomeric styrene, vinyl-toluene or diallyl phthalate should have viscosity characteristics ten times that of resins, used in glass fibre laminates. The volatility of the monomers has to be taken into account (health hazards, variation in composition of premixes on storage). The polymerization catalysts should have good stability in the cold and decompose at 80 - 90°C. Tertiary butyl perbenzoate is recommended

Card 1/5 ✓

34066

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E112/E235

Polyester premixes

for premixes which may be stored for up to six months. Benzoyl peroxide is suitable for premixes with a storage period up to three weeks. Preferred fibre materials are non-alkaline glass fibres of 9 μ diameter, sizes with silane or organic chromium complex derivatives. The non-reinforcing fillers, which may contribute 15-60% of the total weight, generally consist of kaolin, limestone, chalk, precipitated calcium carbonate, talc, ground slate etc. The use of zinc or magnesium stearate as lubricants is recommended. A typical formulation for premixes is submitted and the following relationships were detected: Increase in the glass fibre content increases the strength of the material, reduces shrinkage, deteriorates surface characteristics and flow properties and raises costs. Increase of non-reinforcing filler-concentration produces the opposite effect. 2). Production of premixes: Three methods are described:
a) Discontinuous production from components by mixing in "Sigma" blade kneading apparatus. b) Continuous production in kneading apparatus with extrusion of the finished premix. c) continuous

Card 2/5

34066

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E112/E235

Polyester premixes

impregnation of glass fibres with a bonding agent, followed by cutting into fragments of the desired staple. 3) Processing of polyester premixes: Conventional moulding techniques and equipment are suitable. Processing problems become more complex as fibre ratio and length increase. Long fibres show tendency to orientation in the direction of pressure during moulding or extrusion. Directional orientation should be taken into account when determining suitability of premixes for specified articles. 4) Physical and mechanical properties of materials from premixes: Three types of premixes from Czechoslovak raw-materials were processed, containing 15, 22, 5 and 30% glass fibres of 15mm length. Properties are tabulated. 5) Possible fields of application are listed. 6) Economics are discussed. For the Czechoslovak premix 1200 raw-material costs amount to 95% of the total, out of which 51% are glass fibre and 41% resin costs. Price comparisons with other moulding materials are tabulated: Phenolics with low impact strength...0.33, phenolics, reinforced with fibrous material..0.64, plastic wood...0.19, carbamides..0.49, melamine moulding powders...0.81, polyester premix...1.00. The higher costs

Card 3/5

Polyester premixes

34066
Z/032/62/000/002/002/003
E112/E235

of the premixes may be offset by the possibility of applying lower moulding pressures and using cheaper moulding presses.

There are 11 figures and 2 tables.

ASSOCIATION: SVUMT, Prague

Card 4/5

37159
Z/009/62/000/005/002/002
E112/E435

15.P350
15.8200

AUTHORS: Schreiber, Bruno and Buchta, Otakar

TITLE: Cobalt accelerators for polyester glass laminates

PERIODICAL: Chemický průmysl, no. 5, 1962, 274-275

TEXT: The present investigation was stimulated by a previous discovery that ammonium tetrathiocyanato-cobalt may be an efficient polyester-resin drying accelerator. One of the great problems in the production of glass laminates is the lack of uniform hardening of the polyester resins. The quality of the hitherto used cobalt naphthenate accelerators varies considerably and although various products may contain identical concentrations of cobalt, their efficiencies may vary within wide limits. Variations are explained by differences of dispersibility of the accelerator in the resin; cobalt naphthenate is known to form molecular aggregates in the resin. The efficiency of the accelerator is inversely proportional to the size of the molecular aggregates. The cobalt thiocyanato compound has constant chemical and physicochemical characteristics and should, therefore, obviate difficulties connected with the variations of Card 1/3

Z/009/62/000/005/002/002

E112/E435

Cobalt accelerators ...

cobalt naphthenate composition. The present paper compares cold gelation times of polyester resin Polylite 8000 (produced by Reichhold Chemie-Inc) in the presence of the following cobalt accelerators, using methyl-ethyl-ketone-peroxide as initiator:

- 1) cobalt naphthenate, dissolved in decaline (3.7% Co);
- 2) ammonium tetrathiocyanato cobalt, dissolved in dimethyl phthalate (2.53% Co);
- 3) cobalt naphthenate, dissolved in styrene (3.7% Co and 4) as per 3, but Co = 1.6%.

Results indicate that the cobalt naphthenates of different origin, though of identical Co-content, showed considerable deviations in drying efficiency. The use of the tetrathiocyanato compound gives reliable and reproducible results. This compound also permits determining the point of gelation with great accuracy as it is accompanied by a sharp colour change. The compound is manufactured in Czechoslovakia and sold under the trade name Accelerator U 100. There are 1 figure and 2 tables.

ASSOCIATIONS: Nyní Státní výzkumný ústav materiálu a technologie, Praha (State Research Institute for Materials and Technology, Prague) (Schreiber, Bruno)

Card 2/3

Cobalt accelerators ...

Z/009/62/000/005/002/002
E112/E455

: Kovona, n.p., Karviná (Buchta, Otakar)

SUBMITTED: September 30, 1961

Card 3/3

PATOCKA, F.; SCHREIBER, E.; KUBELKA, V.; KORB, J.; JOHN, C.; SCHÖN, E.

An attempt to transmit the human influenza virus strain A-Sing 57
to swine; preliminary report. J. Hyg. Epidem., Praha 2 no.1:9-15
1958.

1. From the Department of Medical Microbiology & Immunology, Charles
University, Prague, U Botanickelho ustavu 7, Praha 2, Czechoslovakia.
(INFLUENZA VIRUSES,
strain A-Sing 57, attempted transm. to swine)

CARPINISAN, C., prof.; CONSTANTINOPOL, Th., dr.; ALEXIU, Gh., dr.;
KERCEA, V., dr.; SCHREIBER, E., dr.

Secondary pulmonary aspergilloma. Med. intern., Bucur 12 no.10:
1523-1530 0 '60.

1. Lucrare efectuata la Spitalul de tuberculoza Filaret (director:
prof. C.Carpinisan).
(LUNG DISEASES case reports) (ASPERGILLOSIS case reports)

J. 35501-65 EWT(1)
ACCESSION NR: AT5006786

G/0000/64/000/000/0057/0061

AUTHOR: Schreiber, G.

TITLE: Problems connected with Raman effect intensity measurements

SOURCE: Akademie der Wissenschaften, Berlin. Kommission fur Spektroskopie. Arbeitsgruppe fur Physikalische Methoden der Analytischen Chemie. Arbeitssymposium Oberhof, 1962. Intensitätsmessungen in der Infrarot- und Raman-Spektroskopie (Intensity measurements in infrared and Raman spectroscopy); Referate. Berlin, A-V, 1964, 57-61

TOPIC TAGS: spectroscopy, Raman spectroscopy, spectrometer, Raman scattering

ABSTRACT: The presently existing photoelectric Raman spectrometers are quite capable of measuring the intensity of Raman lines. The problems still associated with such measurements are of both experimental and theoretical origin, the former being similar to the problems of emission spectral analysis, while the main theoretical problem is the temperature dependence of Raman spectra intensity. The

Card 1/2

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ACCESSION NR: AT5006786

author discusses the following aspects in some detail: 1) the deformation of spectral lines during photoelectric recording by the finite thickness of the photometer slit; 2) the constancy of the Raman-burner light output; 3) recording of the photomultiplier current; 4) the influence of the sample volume, the spatial radiator image, and the index of refraction of the sample on the integrated intensity; 5) the degree of depolarization of the Raman lines; 6) the internal absorption within the sample; and 7) the spectral sensitivity of the entire device. Orig. art. has: 18 formulas.

[08]

ASSOCIATION: Institut fur Optik u. Spektroskopie der Deutschen Akademie der Wissenschaften zu Berlin, Berlin-Adlershof (Optics and Spectroscopy Institute, German Academy of Sciences at Berlin)

SUBMITTED: 25Oct62

ENCL: 00

SUB CODE: OP

NO REF SOV: 000

OTHER: 012

ATD PRESS: 3215

Card 2/2 (0)

HUSTATZIU, G.,; SCHREIBER, H.,; LEVENTER-BERTHEIL, R.,; PREDOVICIU, F.,; CHIRESCU, A.

Tuberculostatic effect of isonicotinoylhydrazonepyruvic acid, isonicotinoylhydrazoneoxalacetic acid, isonicotinoylhydrazone-3-mercaptopyruvic acid, isonicotinoylhydrazone-3-bromopyruvic acid, isonicotinoylhydrazone-2-oxoglutaric acid and isonicotinoylhydrazoneolevulinic acid. Bul. stiint., sect. med. 7 no.2:564-566 Apr-June 55.

(HYDRAZINE, derivatives

isonicotinoylhydrazone derivatives of ketone acids, eff. on Mycobacterium species)

(MYCOTACTERIUM, eff. of drugs on

isonicotinoylhydrazone derivatives of ketone acids)

(KETONE ACIDS, eff.

isonicotinoylhydrazone derivatives, on Mycobacterium species)

SCHREIBER, H.,; PRUDOVICIU, F.

VII. Study of the diffusability of isonicotinoylhydrazonepyruvic acid in the body. Bul. stiint., sect. med. 7 no.2:581-582 April-June 55.

(PYRUVATES, metabolism)

isonicotinoylhydrazonepyruvic acid, blood levels after oral admin., comparison with isoniazid)

(NICOTINIC ACID ISOMERS, metabolism)

isoniazid, comparison with isonicotinoylhydrazonepyruvic acid)

SCHREIBER, HERMIA

H-17

RUMANIA / Chemical Technology, Chemical Products and Their Application, Part 3. -
Drugs, Vitamins, Antibiotics.

Abs.Jour : Ref Zhur - Khim., No 14, 1958, No 47777

Author : M. Sternberg, B. Benis, A. Solomon, Renee Ghimpu, Luliana Conu, A. Miss,
I. Andronic, Ciocanelea, A. Prialnic, Alice Ilian, Hermia Schreiber.

Title : Dicillin (Dipenicillinate of N,N'-Dibenzylethylenediamine).

Orig Pub : Rev. cmin., 1957, 8, No 5, 339 - 341

Abstract : Methods of N,N'-dibenzylethylenediamine dipenicillinate preparation of
crystalline penicillin G or various intermediate phases of its extrac-
tion or purification are described. Hints concerning the preparation of
some Galenic forms (tablets and injection suspensions) and the methods
of chemical and microbiological analyses are presented.

SCHREIBER, H.

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Drugs, Vitamins, Antibiotics.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37202

Author : Miss, A., Greceanu, I., Andronic, I., Ilian A, Schreiber, H.

Title : New Type of Procaine-Penicillin for Injections.

Orig Pub : Rev Chim, 1957, 8, No 5, 343-344

Abstract : A new type of procaine-penicillin for injections was obtained by means
of introduction of procaine solution into a flask filled with the
ready-for-use penicillin. Control methods for determination of toxicity
and sterility have been established.

Schreiber, Jiri

CZECHOSLOVAKIA/Chemical Technology, Chemical Products and
Their Application, Part 3. - Food Industry.

H-28

Abs Jour: Refrat. Zhurnal Khimiya, No 10, 1958, 34323.

Author : Jiri Schreiber.

Inst : Scientific Research Institute of Refrigeration and Food
Processing Machinery Construction, Czechoslovakia.

Title : Some New Machinery and Installations in Meat Industry.

Orig Pub: Prumysl potravin, 1957, 8, No 8, 397-400.

Abstract: Report on a new production branch of hog slaughtering
equipment developed by the Scientific Research Insti-
tute of Refrigeration and Food Processing Machinery
Construction (Czechoslovakia) and description of an
universal mechanized shop for cutting beef and pork
carcasses into pieces.

Card : 1/1

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RUMANIA / Chemical Technology, Chemical Products and
Application. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16475

Author : Schreiber, L.; Kovor, C.

Inst : Not given

Title : Calculation Formula for Pharmacists

Orig Pub : Farmacia (Romin), 1957, 5, No 4, 353-356

Abstract : Presented are examples in the use of the "cross" formula
for solving problems related to dilutions or concentra-
tions of drug preparations. -- E. Natkhan

Card 1/1

H-47

ROSNER, Dutu; SCHREIBER, R.; IUPOVICI, J.; BELLIOIU, D.

Pituitary activity in cancer of the breast. Rumanian M. Rev. 2 no.2:68-
73 Apr-June 58.

(BREAST NEOPLASMS, physiol.

pituitary glands)

(PITUITARY GLANDS, in various dis.

cancer of breast)

RUMANIA / General Problems of Pathology. Tumors.
Experimental Therapy.

U

Abs Jour : Ref: Zhur - Biologiya, No. 3, 1959, 13585

Author : Rosner, D.; Lupovici, J.; Schreiber, R.

Inst : -
Title : New Data on Hormonal Therapy of Mammary-Gland
Carcinoma.

Orig Pub : Chirurgia, 1958, 8, No. 1, 1-14

Abstract : Clinical, pathogenic and experimental data pointing to the role of disturbances of hormonal functions in mammary-gland carcinoma are discussed. In such patients, an increased activity of the pituitary, increased content of estrogens and decreased content of androgens is usually observed. For restoration of a normal endocrine balance, it is recommended to influence

Card 1/2

... with surgical, X-ray and hormone methods. -- According to the authors' resume.

Card 2/2

SCHREIBER, V.; TYSEROVA, M.

Effect of light on the sex activity of frogs. Biol. listy 30 no.4:
255-258 15 Mr '49. (CLML 19:2)

1. Of the Department for General Physiology (Head -- Prof. F. Kara-
sek, M.D.) of the Physiological Institute of Medical Faculty,
Charles University (Head -- Prof. V. Laufberger, M.D.), of the
Third Internal Clinic (Head -- Prof. J. Charvat, M.D.) and of Central
Endocrinological Institute (Head -- Docent K. Silink, M.D.)

SCHREIBER, V.

Influence of light on content of oxytocin in hypophysis. Biol.
listy 30 no. 4:255-258 15 Mr '49. (CML 19:2)
258-261

1. Of the Department for General Physiology (Head -- Prof. F.Karasek, M.D.) of the Physiological Institute of Medical Faculty, Charles University (Head -- Prof. V.Laufberger, M.D.), of the Third Internal Clinic (Head -- Prof. J.Charvat, M.D.) and of Central Endocrinological Institute (Head -- Docent K.Silink, M.D.).

SCHREIBER, V.

Effect of mechanical vibration on the endocrine system. Pracovni
lek. 2 no.4:153-165 15 Sept 50. (CIML 20:4)

1. Of the Department of General Physiology (Head--Prof. F. Karasek,
M.D.), Physiological Institute of the Medical Faculty, Charles
University (Head--Prof. V. Laufberger, M.D.), of the Central Insti-
tute of Endocrinology (Head--Docent. K. Silinik, M.D.), of the Third
Internal Clinic (Head--Prof. J. Charvat, M.D.) and of the Research
and Control Institute SPOFA.

SCHREIBER, V.

Effect of mechanical vibration on endocrine glands. Pracovni lek.
2 no.5:210-215 15 Nov 50. (CIML 20:6)

1. Of the Department of General Physiology (Head--Prof. P. Karasek, M.D.), Physiological Institute of the Medical Faculty, Charles University (Head--Prof. V. Laufberger, M.D.), of the Central Institute of Endocrinology (Head--Docent. K. Silinik, M.D.), of the Third Internal Clinic (Head--Prof. J. Charvat, M.D.) and of the Research and Control Institute SPOFA.

SCHREIBER, V.

Studies of water metabolism in newborn mammals. Cas.lek.cesk.
89 no.19:549-553 12 My '50. (CLML 19:3)

1. Of the Department of General Physiology (Head -- Prof. P.Kara-sek, M.D.), of the Physiological Institute of the Medical Faculty of the Charles University (Head -- Prof. V.Laufberger, M.D.) of the Third Internal Clinic (Head -- Prof. J.Charvat, M.D.), and of the Central Endocrinological institute (Head -- Docent K.Silink, M.D.).

SCHREIBER, V.

Course and certain properties of infection of the upper respiratory tract in a group of 100 recruits. Voj. zdrav. listy 20 no.3:130-132
May-June 1951. (CIML 20:11)

SCHREIBER, V.

"Part Played by the Vegetative Nervous System After the Administration of
Strumigens." p. 58,
(CESKOSLOVENSKA FYZIOLOGIE, Vol. 3, No. 1, Jan. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

SCHREIBER, V. (Praga)

Role of the autonomic nervous system in the effect of strumigens.
Chech. fiziol. 3 no.1:69-76 1954.

(THYROID ANTAGONISTS, effects,
role in antithyroid action of thyroid antag.)

SCHREIBER, V., Prague

The potentiation of the trophic effect of the adrenocorticotropic hormone on the suprarenal glands of the golden hamster by ascorbic acid. Chekh. fiziol. 3 no.3:344-347 1954.

(ACTH, effects,

on adrenal cortex, potentiation by vitamin C)

(VITAMIN C, effects,

on adrenal cortex, potentiation of ACTH)

(ADRENAL CORTEX, effect of drugs on,

ACTH, potentiation by vitamin C)

SCHREIBER, V., Praga

Experimental investigations on the effect of strumigens on the
vegetative nervous system. Chekh. fiziol. 3 no.4:424-425 1954.

(THIOURACIL, derivatives,
methylthiouracil, eff. on autonomic nervous system)
(AUTONOMIC NERVOUS SYSTEM, effect of drugs on,
methylthiouracil)

SCHREIBER, V.

R-8

CZECHOSLOVAKIA/Human and Animal Physiology -
Internal Secretions.

Abs Jour : Referat Zhur - Biol., No 16, 1957, 70952

Author : Schreiber, V.

Title : The Effect of Strumigens of the Atropine Action on
Strumous White Rats.

Orig Pub : Ceskosl. fysiol., 1955, 4, No 1, 19-23

Abstract : Male rats weighing 42-86 gm received with their meal
0.2% 4-methyl-2-triuracil (I) or 0.005% atropine (II)
or both. In 4 weeks the animals were killed. II increa-
ses the appetite and increases the weight of rats; I in-
hibits both. I interferes with the action of II. The
need for food in combining I and II is considerably less
than in administration of I. II raises the % of dry mat-
ter in the muscles, I interferes with it; in administra-
tion of both, the % of dry matter in the muscles is consi-
derably lower than in control animals. After administra-
tion

Card 1/2

- 51 -

CZECHOSLOVAKIA/Human and Animal Physiology -
Internal Secretions.

R-8

Abs Jour : Referat Zhur - Biol., No 16, 1957, 70952

of strumogens, II does not have any influence on the hypertrophy of the thyroid and pituitary. The weight of testicles, however, decreases equally in administration of I, II or both. The adrenal weight decreases in I as well as in II; when both are administered together, the decrease is less than in separate administration. The assumption that II inhibits the compensatory effect after administration of strumogens, is confirmed by the fact that the need for food and the growth, is lowered in combining II and I more than in administration of I alone.

Card 2/2

- 52 -

SCHREIBER, V. (Praha)

Influencing the action of atropinine in white rats with goitrogenous agents. Chekh.fiziol. 4 no.1:48-53 1955.

(ATROPINE, effects,

on food consumption & growth in white rats, eff. of methylthiouracil on responses)

(FOOD,

consumption, eff. of atropine, eff. of methylthiouracil on responses in white rats)

(GROWTH, effects of drugs on,

atropine, eff. of methylthiouracil on responses in white rats)

(THIOURACIL, derivatives,

methylthiouracil, eff. on food consumption & growth after admin. of atropine, inhib. in white rats)

SCHREIBER, V.

SCIENCE

Periodicals: CESKOSLOVENSKA FYSIOLOGIE Vol. 4, no. 4, 1955

SCHREIBER, V. New magazine on endocrinology: Problemy endokrinologii i gormonoterapii. p. 502.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

SCHREIBER V RATISLAV

✓ Relation between ascorbic acid and adrenal cortex. Vra-
tislav Schreiber. *Casopis Lékařů Českých* '54, 574-19
(1955). A review with 107 references. Exptl. results on

animals and clinical observations are discussed. I. M. Hais

SCHREIBER, K.

*✓ The hypothalamic hormone with adrenopituitary activity.
V. Schreiber (Karl Univ., Prague). Endocrinologia 33,
1950, 71 (1951). Repeated injections of suspensions of
rat pituitary extract cause an increase of the steroids and
thyroid function. It also causes an increase of the excretion of the
thyroid hormones. In the experiments on the rat pituitary
it was found that the extract contains a substance which
causes an increase in the excretion of the thyroxine. This substance
causes a lowering of the glycogen level and the excretion of the
adrenocortical hormones. It therefore seems that an
hormone in the rat pituitary exists for which the abbreviation AHTH is suggested.*

Doris L. Nettler

L

SCHREIBER, Vratislav

Zaklady polusne endokrinologie, (Principles of Experimental Endocrinology. 2d enl. ed. German and Russian summaries. illus., bibl., indexes) Prague, SZdN, 1957. 615 p.

Principles of endocrinological methods. Laboratory animals, their biological values, individual types of endocrinological methods and statistical evaluation of experiments. The main part of the book is divided into 8 sections according to glands and is devoted to the experiments with individual glands. Each case contains information on morphological methods, operations on glands, influences on the function of glands, their hormones and functional investigation. The last chapters deal with the endocrinological methods in gynecology and obstetrics, with the relationship between cerebral cortex and the organs with internal secretion, and the methods of experimental carcinogenesis. The second edition has been revised and enlarged.

Bibliograficky katalog, CSR, Ceske knihy, No. 32. 17 Sept 57. p. 678.

T

Country : CZECHOSLOVAKIA
Category: Human and Animal Physiology. Internal Secretion.
Pancreas

Abs Jour: RZhBiol., № 19, 1958, 89034

Author : Orltova, L.; Schreiber, V.; Krentova, V.;
Sonkova, L.

Inst : -
Title : The Dynamics of the Action of Sulfanilamides Causing
Hypoglycemia.

Orig Pub: Ceskoslov fysiol., 1957, 6, No 4, 507-510

Abstract: Normal and adrenalectomized male rats, weighing from 100-200 g, were administered, through a gastric catheter, 100 mg/100 g of N₁-sulfonyl-N₂-n-butyl-carbamide, following which the animals were killed within 45 and 90 minutes, 3 and 6 hours. Glycemia

Card : 1/2

T-73

T

Country : CZECHOSLOVAKIA
Category: Human and Animal Physiology. Internal Secretion.
Pancreas

Abs Jour: RZhBiol., № 19, 1958, 89034

in the normal animals decreased during the first 45 minutes, reaching a minimum at the 90th minute. In the adrenalectomized rats a considerable hypoglycemia was noted during the first ninety minutes; part of the animals perished during this period. The concentration of ascorbic acid in the adrenals decreased markedly during the first 45 minutes, but had a tendency to increase thereafter. -- V.V. Yazvikov

Card : 2/2

KUCHEL, O.; SCHREIBER, V.; KANDRAC, M.S.

Review of the biological methods for the determination of mineralo-corticoid activity in the urine & analysis of our results in a patient suffering from primary aldosteronism. Sborn. lek. 59 no.9: 265-269 Sept 57.

1. Laborato pro endokrinologii a metabolismus III. interni kliniky fakulty vseobecneho lekarstvi. KU v Praze, prednosta akademik Josef Charvat. Adres autora: O. K., III. interni klinika, Praha 2, U nemocnice 1.

(ADRENAL CORTEX HORMONES, in urine
mineralo-corticoids in primary aldosteronism, biol. methods
of determ (Cz))

(ALDOSTERONE
aldosteronism, primary, biol. methods for determ. of urinary
mineralo-corticoids (Cz))

SCHREIBER, V.

HOLECEK, V.; SCHREIBER, V.; KMENTOVA, V.

Effect of serpasil on antidiuretic hormone secretion. Cas. lek. cesk.
96 no.33-34:1060-1062 23 Aug 57.

1. Laborator pro endokrinologii a metabolismus, III. interni klinika
Karlovych universita v Praze, prednosta akademik Charvat. V. H., Praha 2,
U nemocnice 1.

(RESERPINE, eff.
on vasopressin secretion in male rats (Cz))

(VASOPRESSIN, in blood
eff. of prolonged admin. of reserpine on excretion
in male rats (Cz))

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Blood.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60170

Author : Schreibor, V.; Kucere, L.; Kucerova, J.; Kmentova, V.

Inst : Not given

Title : Endocrine Effect Upon the Osmotic Resistance of Leukocytes

Orig Pub : Casop. lekaru ceskych, 1957, 96, No 40-41, 1299-1302

Abstract : A simplified form of the method of Storti and Pederzini (Schweiz. med. Wochenschr., 1955, 85, 949-950) for the determination of the leukocytic osmotic resistance (OR), of peripheral blood is described. The increase in OR of agranulocytes after the administration of cortisone is shown in man, the lowering of OR of granulocytes and agranulocytes in rats after the administration of methyliothiouracil, and increase in OR of

Card 1/2

SCHREIBER, V.

Modern views on hypothalamic activation of the adenohypophysis. Cesk. fysiol. 7 no.2:88-96 Mar 58.

1. Laborator pro endokrinologii a metabolismus pri III interni klinice, fakulta vseobecneho lekarstvi Karlovy university, Praha.
(PITUITARY GLAND, ANTERIOR, physiology,
hypothalamic regulation, review (Cz))
(HYPOTHALAMUS, physiology,
regulation of anterior pituitary, review (Cz))

VRBOVA, H.; SCHREIBER, V.; KMENTOVA, V.

Thyro-adrenal relationship; experiences with and analysis of certain experimental hypothyroidism and hyperthyroidism. Cesk. fysiol. 7 no.3: 252-253 May 58.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice fakulty vseobecneho lekarstvi KU, Praha.

(ADRENAL CORTEX, physiol.

in exper. thyroid hyper- & hypofunct. (Cz))

(THYROID GLAND, physiol.

eff. of exper. hyper- & hypofunct. on adrenals (Cz))

SCHREIBER, V.; KMENTOA, V.

Photometric determination of MSH (intermedin) of respiratory melanophore.
Cesk. fysiol. 7 no.3:282-283 May 58.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice
fakulty vseobecneho lekarstvi Karlovy university, Praha.
(PITUITARY GLAND, hormones,
intermedin, photometric determ. on frog skin in vitro (Cz))

SCHREIBER, V.

Photometric estimation of melanocyte-stimulating hormone (MSH, intermedin) or melanophore-expanding activity of an ACTH preparation, Voegtlin's powder and fresh human serum on isolated frog skin in vitro. Acta med. hung. 12 no. 1-2:153-165 1958.

1. Laboratory for Endocrinology and metabolism, 3rd Department of Medicine, Charles University, Prague.

(PITUITARY GLAND, hormones

intermedin photometric estimation on frog skin in vitro, specificity & applicability to various media containing intermedin.

SCHREIBER, Vratislav

The thyroid gland & the central nervous system. Cesk. neur. 21 no.6:
417-421 Nov 58.

1. Laborator pro endokrinologii a metabolismus, III, interni klinika
F. V. L. KU, Praha.
(THYROID GLAND, physiol.
thyroid-CNS relation (Cz))
(CENTRAL NERVOUS SYSTEM, physiol.
CNS-thyroid relation (Cz))

CHARVAT, J.; SCHREIBER, V.; KMENTOVA, V.

Effect of hypothalamic extract on pituitary phosphatases in vitro;
an increase in the activity of acid phosphatase. Rev. Czech. M. 5
no.1:1-7 1959.

1. Laboratory for Endocrinology and Metabolism, Third Medical Clinic,
Charles University, Prague. Director: Prof. J. Charvat.

(HYPOTHALAMUS, extract,
eff. on pituitary acid phosphatase in vitro)

(PITUITARY GLAND, metab.
acid phosphatases, eff. of hypothalamic extract in
vitro)

(PHOSPHATASES,
acid phosphatases in pituitary, eff. of hypothalamic
extract in vitro)

SCHREIBER, V.

"C. I. Parhon Endocrinological Institute of the Rumanian Academy of Sciences and
some other research institutes in Bucharest"

Ceskoslovenska Fysiologie. Praha, Czechoslovakia. Vol. 8, no. 1, Jan 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclassified

SCHREIBER, V.

"A national endocrinological congress on hypophysis, Brno, April 17-19, 1958"

Ceskoslovenska Fysiologie. Praha, Czechoslovakia. Vol. 8, no. 1, Jan 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclassified

SCHREIBER, V.

"4th Scientific Conference of the Faculty of General Medicine of Charles
University, Prague, April 22-24, 1953"

Ceskoslovenska Fysiologie. Praha, Czechoslovakia; Vol. 8, no. 1, Jan 1959

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SCHREIBER, V.; CHARVAT, J.; KMENTOVA, V.

Pituitary phosphatases. Cesk. fysiol. 8 no.2:126-127 Mar 59.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinica,
fak. vseob. lek. KU, Praha. Predneseno na schuzi vseob. sekce Cs. lek.
spolecnosti J. E. Purkyne dne 29.9. 1958 v Praze.

(PHOSPHATASES,
in pituitary gland (Cz))
(PITUITARY GLAND, metab.
phosphatases (Cz))

KRULICH, L.; SCHREIBER, V.

Certain recent findings on the function of the adenohypophysis.
Cesk. fysiol. 8 no.4:277-289 July 59.

1. Fysiologicky ustav fakulty vseob. lek. KU a Laborator pro
endokrinologii a metabolismus pri III. interni klinice fak. vseob.
lek. KU, Praha.
(PITUITARY GLAND, POSTERIOR, physiol.)

SCHREIBER, V.

Current knowledge on humoral hypothalamic regulation of the pituitary.
Cas. lek. cesk. 98 no.34, Lek. veda zahr:169-173 21 Aug 59

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fakulty vseobecneho lekarstvi KU v Praze, reditel akademik
Josef Charvat.

(HYPOTHALAMUS, physiol.)
(PITUITARY GLAND, physiol.)

EXCERPTA MEDICA Sec 3 Vol 14/1 Endocrinology Jan 60

8. SIGNIFICANCE OF PHOSPHATASE ACTIVITY IN THE HYPOPHYSIS -
Bedeutung der Phosphataseaktivität in der Hypophyse - Schreiber V. and
Kmentová V. Lab. für Endokrinol. und Metab., III. Med. Klin. Fak. für
Allg. Med., Karls-Univ., Prag - ACTA BIOL. ACAD. SCI. HUNG. 1959, 9/3
(185-288) Graphs 2 Tables 2

It is suggested that the activity of alkaline phosphatases may be a reflection of that
of the acidophilic cells, while the activity of acid phosphatases is a reflection of
that of TSH-secreting basophilic cells in rats. (III, 1*)

SCHREIBER, V.; KMENTOVA, V.

Relationship between the secretion of TSH and Acth and changes in
experimental hypothyreosis and cortical hypofunction in rats.
Sborn. lek. 61 no.9:253-257 Sept 59.

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fakulty vseobecneho lekarstvi University Karlovy v Praze.
prednosta akademik Josef Charvat.
(ADRENAL CORTEX, physiol.) (THYROID GLAND, physiol.)

SCHREIBER, Vratislav (Praha 2, U nemocnice 1)

New clinical contributions on the hypothalamo-hypophysial syndromes.
Cas. lek. cesk. 98 no.28;lek. veda zahr. 150-158 10 July 59.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice
KU v Praze, reditel akademik Josef Charvat.

(HYPOTHALAMUS, dis.

hypothalamo-hypophysial synd., review (Cz))

(PITUITARY GLAND, dis.

pituitary-hypothalamic synd., review (Cz))

SCHREIBER, V.

Higher nerve centers for activities of the hypothalamo-pituitary system. Cesk.fysiol. 9 no.2:122-128 Mr '60.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice fak. vseob.lek. KU, Praha.
(HYPOTHALAMUS physiol.)
(PITUITARY GLAND POSTERIOR physiol)
(BRAIN physiol)

SCHREIBER, V.

Humoral hypothalamic regulation of TSH secretion. *Cesk.fysiol.*
9 no.2:171 Mr '60.

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fak. vseob.lek. KU, Praha.
(THYROTROPIN physiol)
(HYPOTHALAMUS extract)
(PHOSPHATASES metab)
(PITUITARY GLAND metab)

SCHREIBER, V.; KMENTOVA, V.

Relationship between acid phosphatase activity in the pituitary
and TSH secretion. Cesk.fysiol. 9 no.2:172-173 Mr '60.

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fak. vseob. lek. KU, Praha.
(THYROTROPIN physiol)
(PHOSPHATASES metab)
(PITUITARY GLAND metab)

LOJDA, Z.; SCHREIBER, V.; KMENTOVA, V.

Histochemistry of phosphatases in the pituitary in rats in experimental hypothyroidism. Cesk.fysiol. 9 no.2:173 Mr '60.

1. Embryologicky ustav a Laborator pro endokrinologii a metabolismus pri III. interni klinice fak. vseob. lek. XU, Praha.
(PHOSPHATASES metab.)
(PITUITARY GLAND metab)
(HYPOTHYROIDISM exper)

RYBAK, M.; SCHREIBER, V.; KMENTOVA, V.

Recent studies on the isolation of a hypothalamic humoral factor activating acid phosphatase in vitro. Cesk.fysiol. 9 no.2:173-175 Mr '60.

1. Ustav hematologie a krevni transfuse, Laborator pri endokrinologii a metabolismu pri III. interni klinice fak. vseob. lek. KU, Praha
(HYPOTHALAMUS extract)
(PHOSPHATASES metab)
(PITUITARY GLAND metab)

KRULICH,L.; JIRGL, V.; JONEC, V.; RYBAK, M.; SCHREIBER, V.; KMENTOVA, V.

On the nature of a hypothalamic factor activating acid phosphatase
in the pituitary in vitro. Cesk.fysiol. 9 no.2:175 Mr '60.

l. Fysiologicky ustav fak. vseob.lek. KU, Ustav hematologie a
krevni transfuse, Praha, Endokrinologicky ustav SAV, Bratislava,
Laborator pro endokrinologii a metabolismus fak. vseob. lek.
KU, Praha.

(PITUITARY GLAND metab)
(PHOSPHATASES metab)
(HYPOTHALAMUS extract)

SCHREIBER, V.; KMENTOVA, V.; KRULICH, L.; MOSCHL, M.; LOJDA, Z.

Preliminary experiences with the demonstration of a hypothalamic factor activating TSH secretion in vivo. Cesk. fysiol. 9 no.2: 175-177 Mr '60.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice, Fysiologicky ustav a Embryologicky ustav fak. vseob. lek. KU, Vyzkumny ustav endokrinologicky, Praha.
(THYROTROPIN physiol)
(HYPOTHALAMUS extract)
(PHOSPHATASES metab)
(PITUITARY GLAND metab)

SCHREIBER, V.; KMENTOVA, V.; LOJDA, Z.

Increased alkaline phosphatase activity in the hypophysis of rats
in hypothermia. Cesk.fysiol. 9 no.3:262-263 My '60.

1. Laborator pro endokrinologii a metabolismus pri III interni
klinice, Embryologicky ustav, fak. vseob. lek. KU, Praha.
(PITUITARY GLAND metab)
(PHOSPHATASES metab)
(HYPOTHERMIA INDUCED exper)

LOJDA, Z.; SCHREIBER, V.

Cyto-topochemical studies on enzymes of the hypophysis in rats.
Cesk. fysiol. 9 no.4:377-378 Jl '60.

1. Embryologicický ustav, Laborator pro endokrinologii a metabolismus,
fak. všeob. lek. KU, Praha.
(PITUITARY GLAND chem.)
(ENZYMES chem.)

SCHREIBER, V.

Feed-back in endocrinology. Cas.lek.cesk 100 no.32/33 Led Ved Zahr:
178-187 18 Ag '61.

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fakulty vseobecneho lekarstvi University Karlovy v Praze,
reditel akademik Josef Charvat.

(ENDOCRINOLOGY)

SCHREIBER, Vratislav

Control of function of the hypophysis. Some considerations on neuro-endocrinology. Cas.lek.cesk 100 no.44:1378-1381 3 N '61.

1. Laborator pro endokrinologii a metabolismus KU v Praze, reditel
akademik Josef Charvat.

(PITUITARY GLAND physiol) (ENDOCRINE GLANDS physiol)
(NERVOUS SYSTEM physiol)

SCHREIBER, Vratislav

A hypothalamic factor activating pituitary acid phosphatases and
the secretion of TSH. Acta univ. carol. [Med] no.1:33-87 '61.

1. Laboratory for Endocrinology and Metabolism, IIIrd Medical Clinic,
Director: Academician J. Charvat, Faculty of General Medicine, Charles
University, Prague.

(HYPOTHALAMUS physiol) (PHOSPHATASES metab)
(THYROTROPIN physiol)
(PITUITARY GLAND ANTERIOR physiol)

SCHREIBER, Vladimire, inz.; SOBOTAKA, Miroslav, inz., C.Sc.

Static action of B system structures. Inz stavby 10 no.4:
121-126. Ap '62.

1. Technicky a zkusebni ustav stavebni, Praha (for Schreiber).
2. Ministerstvo vystavby, Praha (for Sobotka).

SCHREIBER, V.

Central nervous regulation of aldosterone secretion. Cesk. fysiol.
11 no.1:31-35 Ja '62.

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice, fakseob. lek. KU, Praha.
(ALDOSTERONE physiol.) (CENTRAL NERVOUS SYSTEM physiol.)

HOLECEK, V.; PETRASEK, J.; SCHREIBER, V.; DIENSTBIER, Z.; KMENTOVA, V.

The neurohypophysis in postirradiation polyuria. Physiol. Bohemoslov.
11 no.2:119-122 '62.

1. Third Medical Clinic, Laboratory for Endocrinology and Metabolism,
Department of Biophysics, Faculty of General Medicine, Charles Uni-
versity, Prague.

(POLYURIA exper) (RADIATION EFFECTS exper)
(PITUITARY GLAND POSTERIOR physiol)

SCHREIBER, V.; FISCHER, J.; KMENTOVA, V.

Some metabolic and endocrine changes in acute 3-acetylpyridine poisoning in rats. Physiol. bohemoslov. 11 no. 3:212-220 '62.

1. Laboratory for Endocrinology and Metabolism, Third Medical Clinic, Second Institute of Pathological Anatomy, Faculty of General Medicine, Charles University, Prague.

(PYRIDINES toxicology) (ENDOCRINE GLANDS physiology)
(BRAIN pathology) (CORTICOTROPHIN pharmacology)
(THYROTROPIN pharmacology)

LOJDA, Z.; SCHREIBER, V.

Enzymatic activities of the hypothalamus-hypophysial system. Cesk. fysiol. 11 no.4:314-319 '62.

1. Histochemicke oddeleni angiologicke laboratore, Laborator pro endokrinologii a metabolismus, Fak. vseob. lek. KU, Praha.
(HYPOTHALAMUS metabolism) (PITUITARY GLAND metabolism)
(ENZYMES metabolism)

SCHREIBER, V.; KMENTOVA, Vlasta

Biochemical determination of elevated acid phosphatase activity in
the adenohypophyses of hypothyroid rats. Folia biol. no.1:48-54 '62.

1. Laboratory for Endocrinology and Metabolism, Third Medical Clinic,
Faculty of General Medicine, Charles University, Prague.
(PHOSPHATASES chemistry) (PITUITARY GLAND, ANTERIOR chemistry)
(HYPOTHYROIDISM experimental)

SCHREIBER, V.

CZECHOSLOVAKIA

MD

Member of the Laboratory for Endocrinology and Metabolism
of the Faculty of General Medicine, KU (Karlova Universta
- Charles University), Prague; Director: J. CHARVAT,
Academician, DrSc.

Prague, Prakticky Lekar, No 21, Nov 62, pp 899-900

"Prospects of Study of Hypothalamo-Hypophyseal System"

SCHREIBER, V.; KMENTOVA, V.

Failure of trypan blue to inhibit the thyrotrophic activity of the adenohypophysis in methylthiouracil-fed rats. Physiol. bohemoslov. 11 no.3:221-224 '62.

1. Laboratory for Endocrinology and Metabolism, Third Medical Clinic, Faculty of General Medicine, Charles University, Prague.

(THIOURACIL related cpds) (AZO COMPOUNDS pharmacology)
(THYROTROPIN pharmacology)

SCHREIBER, V.; KOCI, J.; ECKERTOVA, A.; FRANC, Z.; KMENTOVA, V.

The hypothalmic factor activating adenohypophisal acid phosphatases
and tsh release in vitro: further purification by high-voltage
electrophoresis. Physiol Bohemoslov 10 no.5:417-426 '61.

1. Laboratory for Endocrinology and Metabolism, Third Medical
Clinic, Faculty of General Medicine, Charles University, Prague;
Institute of Haematology and Blood Transfusion, Prague; Institute
of Pharmacy and Biochemistry, Prague.

(HYPOTHALAMUS physiol) (PITUITARY GLAND ANTERIOR metab)
(PHOSPHATASES metab) (THYROTROPIN physiol)

LOJDA, Z.; SCHREIBER, V.

Cytotopochemical studies on the pituitary gland enzymes
of rat. Folia morphol 21 no.3:331-336 '62.

1. Zaklad Embriologii oraz Laboratorium Endokrynologii i
Metabolizmu, Wydzial Lekarski, Uniwersytet im. Karola, Praga.

SCHREIBER, V.; RYBAK, M.; KOCI, J.; ECKERTOVA, A.; FRANC, Z.; JIRGL, V.
KMENTOVA, V.; KAPITOLA, J.; SEBESTIK, V.; KNESLOVA, V.

Hypothalamic factor releasing thyrotropin (TRF). Acta Univ.
Carol. [med.] (Praha) 10: suppl. 17:105-110 '63

1. Laborator pro endokrinologii a metabolismus, fakulty vse-
obecneho lekarstvi University Karlovy v Praze (reditel: akade-
mik Josef Charvat); Ustav hematologie a krevni trasfuse (reditel:
prof. MUDr. J. Horejsi) a Vyzkumny ustav pro farmacii a bio-
chemii (reditel: dr. inz. O. Nemecsk).

SCHREIBER, V.; ECKER TOVA, A.; FRANC, Z.; RYBAK, M.; GREGOROVA, I.; KMENTOVA, V.;
JIRGL, V.

Purification of the hypothalamic thyrotrophinreleasing factor. Physiol.
bohemoslov. 12 no.1:1-14 '63.

1. Laboratory for Endocrinology and Metabolism, Third Medical Clinic,
Faculty of General Medicine, Charles University, Institute of Pharmacy
and Biochemistry, Institute of Haematology and Blood Transfusion,
Prague.

(HYPOTHALAMUS) (THYROTROPIN) (ELECTROPHORESIS)
(PEPTIDES) (AMINO ACIDS) (ASPARAGINE) (GLUTAMATES)
(GLYCINE) (ISOLEUCINE) (THREONINE) (LEUCINE) (SERINE) (VALINE)

KMENTOVA, Vlasta; SCHREIBER, V.

Correlation between the time elapsed after thyroidectomy and acid phosphatase activity in the rat adenohypophysis. Folia biol. 9 no.1:68-71 '63.

1. Laboratory for Endocrinology and Metabolism, Third Medical Clinic,
Faculty of General Medicine, Charles University, Prague.
(ACID PHOSPHATASE) (THYROIDECTOMY)
(PITUITARY GLAND, ANTERIOR) (TIME)

CZECHOSLOVAKIA

SCHREIBER, V. [Affiliation not given.]

"Book Review of 'Hypothalamic Control of the Anterior Pituitary. An Experimental-Morphological Study' by J. SZENTAGOTHAI, B. FLERKO, B. MESS and B. HALASZ, Akademiai Kiado, Budapest 1962."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 4, July 1963; pp 307-308.

Abstract : Review in detail of 6 chapters of the 330-page, 125-illustration or graph book written by Prof Szentagothai and his school at the University of Pecs, apparently in English; book is termed important contribution to world endocrinologic literature; many previously unpublished or unknown studies on CRF, various glandotropic adenohypophyseal hormones and related subjects.

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SCHREIBER, V.; KMENTOVA, V.; KAPITOLA, J.; KNESLOVA, V.; SEBESTIK, V.

Determination of thyroid gland function in rats and guinea pigs in vivo with radioiodine. Cesk. fysiol. 12 no. 6:465-468 N'63.

1. Laborator pro endokrinologii a metabolismus, fak. vseob. lek. KU, Ustav hematologie a krevni transfuse, Praha.

*

KMENTOVA, Vlasta; SCHREIBER, V.; ZAVADIL, M.

Thyrecidin-induced hypertrophy of the ovaries in rats. Physiol.
Bohemoslov. 12 no.6:506-511 '63.

1. Laboratory for Endocrinology and Metabolism, Third Medical
Clinic, First Gynaecology and Maternity Clinic, Faculty of
General Medicine, Charles University, Prague.

(THYROID HORMONES) (OVARY)

(HYPERTROPHY AND HYPERPLASIA)

(HYPERTHYROIDISM) (PITUITARY GLAND)

CZECHOSLOVAKIA

H. SCHWEITZER and V. KMENTOVA, Endocrinology and Metabolism Laboratory of Faculty of General Medicine of Charles University (Laborator pro endokrinologii a metabolismus fakulty vseobecneho lekarstvi KU [Karlove University],) Head (prednosta) Academician J. CHARVAT; Prague.

"Correlation Between TSH Secretion and Acid Phosphatase Activity in Rat Pituitaries."

Prague, Casopis Lekaru Ceskych, Vol 102, No 10, 8 Mar 63; pp 267-271.

Abstract [English summary modified]: Rat pituitary acid phosphatase activity showed a direct correlation with weight of thyroid (after 1 to 3 weeks on diet containing 0.2% methylthiouracil) and with weight of pituitary gland itself. It is probable that pituitary acid phosphatase activity is intimately involved in TSH synthesis or its secretion. Three graphs, 2 tables; 9 Western references, 7 Czech, 1 Hungarian and 1 Soviet.

11/1

Current state of the examination of the hypothalamic factor regulating the excretion of thyrotropin. Probl. endok. i gorm. 10 no.1:122-127 Ja-F '64.

(MIRA 17:10)

1. Laboratoriya endokrinologii i metabolizma meditsinskogo fakul'teta Universiteta imeni Karla IV, Praga.

SCHREIBER, V.; KMENTOVA, V.

Some further characteristics of the function of the hypothalamic factor activating adenohypophysis acid phosphatase and TSH secretion. Sborn. lek. 66 no.8:276-280 Ag'64

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice fakulty vseobecneho lekarstvi University Karlovy v Praze; reditel:akademik J.Charvat.

SCHREIBER, V.; RYBAK, M.; KMENTOVA, V.

Anti - TRF (thyrotropin-releasing factor) activity of synthetic
valyl-3-oxytocin. Cas. lek. cesk. 103 no.23:646-647 5 Je'64

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fakulty vseobecneho lekarstvi KU [Karlov university]
v Praze (reditel:akademik J.Charvat) a Ustav hematologie a krevni
transfuze (reditel: prof. dr. J.Horejsi, clen korespondent
CSAV [Ceskoslovenske akademie ved].

SCHREIBER, V.

Two unusual causes of endocrine hyperfunction syndromes: intra-thoracic pathological processes and tumors of non-endocrine organs. Cas. lek. cesk. 103 no.25:115-117 19 Je'64

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice fakulty vseobecneho lekarstvi KU [Karlov University] v Praze.

SCHREIBER, V.

How to translate some medical terms from English. Cas. lek. cesk.
103 no. 27-757 26 Je'64

1. III. interni klinika fakulty vseobecneho lekarstvi KU [Kar-
lovy university] v Praze; prednosta: akademik J. Charvat.

SCHREIBER, V.

Role of the hypothalamic-hypophysial system in body reactions
to stress. Cas. lek. cesk. 103 no. 28:766-772 6 Jl '64

1. Laborator pro endokrinologii a metabolismus fakulty vse-
obecneho lekarstvi KU [Karlovy university] v Praze; reditel:
akademik J. Charvat.

SCHREIBER, V.; KMENTOVA, V.; ZAVADIL, M.

Relationships between gonadotrophin and thyrotrophin secretion
inhibition of compensatory hypertrophy of rat ovaries by
methylthiouracil. Physiol. Bohemoslov. 13 no. 6:554-564 '64

1. Laboratory of Endocrinology and Metabolism and First Gynaecology and Maternity Clinic, Faculty of General Medicine, Charles University, Prague.

SCMREIBER, V.

Biological effects of hypothalamic extracts. Rev. czech. med. 11
no.1:1-10 '65

1. Laboratory for Endocrinology and Metabolism, Faculty of
General Medicine, Charles University, Prague. (Director:
Academician J. Charvat.

SCHREIBER, V.; KMENTOVA, Vlasta

Trophic reactions of the adenohypophysis to adrenalectomy,
castration and thyroidectomy in male rats. Folia biol. (Praha)
11 no. 3:222-232 '65

1. Laboratory for Endocrinology and Metabolism, Faculty of
General Medicine, Charles University, Prague.

SCHREIBER, V. KMENTOVA, V.; RYBAK, M.; ECKERTOVA, A.

Anti-thyrotrophin releasing factor (TRF) activity of synthetic
3-valine-oxytocin. Physiol. Bohemoslov. 14 no.1:53-63 '65

1. Laboratory for Endocrinology and Metabolism, Third Medical
Clinic, Faculty of General Medicine, Charles University, Institute
of Haematology and Blood Transfusion and Institute of Pharmacy
and Biochemistry, Prague.

SCHREIBER, V.; KMENTOVA, V.

Partial block of castration hypertrophy of the adenohypophysis
in male rats by thyreodin. Physiol. Bohemoslov. 14 no.4:332-342
'65.

1. Laboratory for Endocrinology and Metabolism, Third Medical
Clinic, Faculty of General Medicine, Charles University, Prague.
Submitted November 25, 1964.

SCHREIBER, V.

Neuroendocrine relationships. Cesk. pediat. 20 no.6:467-475
Ja'65.

1. Laborator pro endokrinologii a metabolismus pri III. interni
klinice fakulty vseobecneho lekarstvi Karlovy University v Praze,
(reditel: akademik J. Charvat).

CZECHOSLOVAKIA

SCHREIBER, V.; Laboratory for Endocrinology and Metabolism, Faculty of General Medicine, Charles University (Laborator pro Endokrinologii a Metabolismus, Fak. Vseob. Lek. KU), Prague.

"Ectohormones, Phéromones, and Exocrinology."

Prague, Ceslovenska Fysiologie, Vol 15, No 3, May 66, pp 225-227

Abstract: There are two types of phéromones in insects: one has a function of sexual attractant; the other type serves as a marking substance, for instance for definite routes, for setting alarms, and as means of social distinction. In mammals, the main role is sexual. The influence of phéromones on conception in mice is described. Blockage of gravidity by phéromones is discussed; it can be prevented by endogenous prolactin. 23 Western references. (Manuscript received 26 Sep 64.)

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28

CZECHOSLOVAKIA

SCHREIBER, V.; Laboratory for Endocrinology and Metabolism, Faculty of General Medicine, Charles University (Laborator pro Endokrinologii a Metabolismus, Fak. Vseob. Lek. KU), Prague.

"Central Thermoregulation and Endocrine Glands."

Prague, Ceskoslovenska Fysiologie, Vol15, No 4, Jul 66, pp 272-277

Abstract: Mammals possess a central thermostatic mechanism consisting of two centers: one for heat release located in the preoptic region of the hypothalamus, which is activated by an increase in blood temperature, and the other for heat conservation, activated by impulses from cold receptors located peripherally; this center is located in the posterior region of the hypothalamus. The heat release center inhibits the function of the heat conservation center. These two centers are connected to the centers regulating the intake of food. The metabolic reaction to cold is due mainly to the effect of adrenalin and noradrenalin; in long-term exposure to cold the thyroid gland affects thermoregulation by releasing adenohypophyseal thyrotropin. 63 Western, 2 Czech, 1 Russian, 1 Japanese reference. (Manuscript received 11 Dec 65).

1/1

CZECHOSLOVAKIA
28 Jun 66

POLCAN, Anton
SCHREIBER, Zdenko, Engr

The above trade union officials were elected
full members of the Slovak Trade Union Council,
Bratislava, 28 June.

Praca, Bratislava, 29 Jun 66, p 1

(2)

CZECHOSLOVAKIA

PAV, J.; SRAMKOVA, J.; SCHREIBEROVA, O.; 3rd Internal Clinic,
Faculty of General Medicine, Charles University (III. Interni
Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Member
of Academy J. CHARVAT.

"Serum Insulin Level After Different Stimuli."

Prague, Casopis Lekaru Ceskych, Vol 105, No 44, 4 Nov 66, p 1210

Abstract: Methods of investigating glucide metabolism are discussed. Authors' immunochemical method is discussed. Glycemia level in 10 people below 35 and of 15 above 65 is compared. Peroral glycemic curve influences the washing out of insulin. Lower usage of glucose in older people is probably due to other factors than to an insufficient response of insulinemia to beta-cell stimulation. 1 Table, 4 Western, 2 Czech references.

1/1